



Attorney Docket No.: 4073P015

PATENT

2857
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2-13-04
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Gautam Dewan, et al.

Application No.: 09/823,802

Filed: March 30, 2001

For: MICRO-PROGRAMMABLE PROTOCOL
PACKET PARSER AND
ENCAPSULATOR

Examiner: Not Assigned

Art Unit: 2857

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Sir:

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Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

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_____ 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

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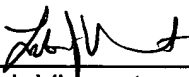
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If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: July 29, 2003



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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Sheet

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of

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Application Number

09/823,802

Filing Date

March 30, 2001

First Named Inventor:

Gautam Dewan

Art Unit

2857

Examiner Name

Not Assigned.

Attorney Docket Number

4073P015

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
		US-				
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
		WO	01/16698 A2	03/08/2001	Wolrich et al.		

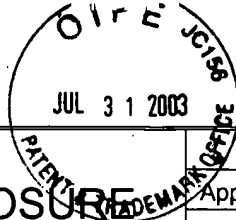
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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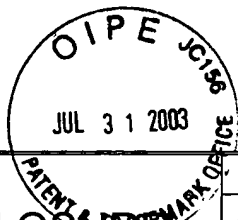


Substitute for Form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	09/823,802	
			Filing Date	March 30, 2001	
			First Named Inventor:	Gautam Dewan	
			Art Unit	2857	
			Examiner Name	Not Assigned	
Sheet	2	of	4	Attorney Docket Number	4073P015
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
		PCT Notification of Transmittal of International Search Report or the Declaration for PCT Counterpart Application No. PCT/US02/09849 Containing International Search Report (November 11, 2002).			
		X. Jin et al., "Implementing Click IP Router Kernel on VLIW Architectures," XP-002208124, CS252 Class Project, University of California at Berkeley, pp. 1-5, May 2000.			
		Project Page, XP-002208125, CS252 – Spring 2000, University of California at Berkeley, pp. 1-2, March 2000.			
		"The Challenge for Next Generation Network Processors," XP-002208126, Agere, Inc., pp. 1-7, September 10, 1999.			
		"PayloadPlus™ Functional Programming Language," XP-002208127, Preliminary Product Brief, Microelectronics Group, Lucent Technologies, Bell Labs Innovations, pp. 1-6, April 2000.			
		"PayloadPlus™ Agere System Interface," XP-002208128, Preliminary Product Brief, Microelectronics Group, Lucent Technologies, Bell Labs Innovations, pp. 1-6, April 2000.			
		N. Shah, "Understanding Network Processors," XP-002208129, Version 1.0, niraj@eecs.berkeley.edu , pp. 1-89, September 4, 2001.			
		"PayloadPlus™ Routing Switch Processor," XP-002208130, Product Brief, Agere Systems, pp. 1-5, July 30, 2001.			
		W.H. Mangione-Smith, G. Memik, "Network Processor Technologies," XP-002208131A, Network Processor Technologies Tutorial, Micro 34, billms@ucla.edu , memik@ee.ucla.edu , pp. 1-94, December 1, 2001.			
		"Parallel eXpress Forwarding in the Cisco 10000 Edge Service Router," XP-002208132, White Paper, Cisco Systems, Inc., pp. 1-7, December 31, 2000.			
		E. Kohler et al., "The Click Modular Router," XP-002208133, Laboratory for Computer Science, MIT, ACM Transactions on Computer Systems, Vol. 18, No. 3, pp. 263-296, (August 2000).			

Examiner Signature	Date Considered
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First Named Inventor:	Gautam Dewan
Art Unit	2857
Examiner Name	Not Assigned
Attorney Docket Number	4073P015

Sheet

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of

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		F. Kurfeß*, "Potentiality of Parallelism in Logic," TR-91-055, Preprint from: Wrightson, G and Fronhofer, B.; Parallelization in Inference Systems, Springer Verlag (1991).	
		G. Swallow, "MPLS Advantages for Traffic Engineering," Cisco Systems, IEEE Communication Magazine, December 1999.	
		D. Wilson and R. V. Berry, "Amber Networks Unveils Industry's Most Advanced Optical Internet Edge Router," http://www.ambernetworks.com;press_release.html?id=2 (June 6, 2000).	
		"The Technology of IP Routers in the New Public Network," White Paper, Ericsson IP Infrastructure, pp. 1-21, January 2000.	
		"Unleash the Power, Building Multi-Service IP Networks With ATM Cores," The ATM Forum, pp.1-12, March 1999.	
		"Encapsulation," http://whatis.techtarget.com/WhatIs_Search_Resu.../282033..00html?query=encapsulatio (Oct. 14, 1999).	
		"Point-to-Point Protocol," http://whatis.techtarget.com/WhatIs_Definition_Page/0,4152,214311,00.html (November 3, 2000).	
		"User Datagram Protocol," http://whatis.techtarget.com/WhatIs_Search_Results_Exact/1,282033..00.html?query=UDP (October 10, 2000).	
		"Internet Protocol," http://whatis.techtarget.com/whatis.techtarget.com/WhatIs_Definition_Page/0,4152,214031,00.html (October 5, 2000).	
		P. Wayner, "Will VLIW mean 'very long investment window' for Hewlett-Packard and Intel?," Core Technologies, VLIW Questions, http://www.byte.com/art/9411/sec12/art1.htm (November 1994).	
		"VLIW at IBM Research," IBM Research, http://www.research.ibm.com/vliw/ (1995).	

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